CALIFORNIA DIVISION OF MINES AND GEOLOGY
JAMES F. DAVIS, STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

DIABLO QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)


TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1953
PHOTOREVISED 1980

SCALE 1:24,000

1 1/2 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 10 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

## MAP EXPLANATION

**Potentially Active Faults**

1906 C — Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

**Special Studies Zone Boundaries**

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

# STATE OF CALIFORNIA
# SPECIAL STUDIES ZONES

**Delineated in compliance with**
**Chapter 7.5, Division 2 of the California Public Resources Code**
***(Alquist-Priolo Special Studies Zones Act)***

## DIABLO

## REVISED OFFICIAL MAP
Effective: January 1, 1982

James F. Davis State Geologist

## REFERENCES USED TO COMPILE FAULT DATA

Diablo Quadrangle


Berlogar, Long & Associates, September 1978, Geologic fault investigation, Peters Ranch, San Ramon, California; Job No. 665-71: Unpublished consulting report.

Engeo, Inc., October 1980, Alquist-Priolo seismic hazards investigation, Addendum II, Edwards property, Parcel Number 208-250-38, San Ramon, California: Unpublished consulting report.

Engeo, Inc., December 1977, Alquist-Priolo investigation, Old Crow Canyon Road Industrial Park, Subdivision 5171, San Ramon, California; with addendum of November 1978 and May 1979: Unpublished consulting report.

Hart, E. W., 1981, Evidence for recent faulting, Calaveras and Pleasanton faults, Diablo and Dublin quadrangles, California: California Division of Mines and Geology Open File Report 81-9 SF, 2 map sheets.

Hart, E. W., 1981, Calaveras, Pleasanton, and Sherburne Hills faults, Diablo quadrangle, California: California Division of Mines and Geology Fault Evaluation Report FER-110, with Supplement No. 1 (unpublished).

Terrasearch, Inc., August 1977, Supplemental geologic investigation on Twin Creeks Subdivision 4952, San Ramon, California; with supplemental and related reports of August, September, and October 1977 and April, May, and September 1979: Unpublished consulting reports.


For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at the San Francisco District Office of CDMG.

## IMPORTANT – PLEASE NOTE

1) *This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
4) Fault information on this map is not sufficent to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.